AME832KC

# Microwave Oven

## Owner's Instructions & Cooking Guide

imagine the possibilities

Thank you for purchasing this Samsung product.

Please be advised that the Samsung warranty does NOT cover service calls to explain product operation, correct improper installation, or perform normal cleaning or maintenance.

Planet First **100 % Recycled Paper**

**This manual is made with 100 % recycled paper.**

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# safety information

Congratulations on your new Samsung microwave oven. This manual contains important information on the installation, use and care of your appliance. Please take time to read this manual to take full advantage of your microwave oven's many benefits and features.

## WHAT YOU NEED TO KNOW ABOUT SAFETY INSTRUCTIONS

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your microwave oven.

## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

**A.** Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

**B.** Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on the sealing surface.

**C.** Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the:

**1.** Door (bent),
**2.** Hinges and latches, (broken or loosened),
**3.** Door seals and sealing surface.

**D.** The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

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# IMPORTANT SAFETY SYMBOLS AND PRECAUTIONS

**What the icons and signs in this user manual mean:**

WARNING — Hazards or unsafe practices that may result in **severe personal injury or death.**

CAUTION — Hazards Hazards or unsafe practices that may result in **minor personal injury or property damage.**

CAUTION — To reduce the risk of fire, explosion, electric shock, or personal injury when using your microwave oven, follow these basic safety precautions.

- Do NOT attempt.
- Do NOT disassemble.
- Do NOT touch.
- Follow directions explicitly.
- Unplug the power plug from the wall socket.
- Make sure the machine is grounded to prevent electric shock.
- Call the service center for help.
- Note

**These warning signs are here to prevent injury to you and others. Please follow them explicitly. After reading this section, keep it in a safe place for future reference.**

# IMPORTANT SAFETY INSTRUCTIONS

When using any electrical appliance, basic safety precautions should be followed, including the following:

## WARNING WARNING

To reduce risk of burns, electric shock, fire, personal injury or exposure to excessive microwave energy:

1. Read all safety instructions before using the appliance.
2. Read and follow the specific “Precautions to avoid possible exposure to excessive microwave energy” on page 2.
3. This appliance must be grounded. Connect only to properly grounded outlets. See Important “Grounding instructions” on page 4 of this manual.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers (for example, closed glass jars) can explode if heated rapidly. Never heat them in a microwave oven.
6. Use this appliance only for its intended use as described in the manual. Do not put corrosive chemicals or vapors in or on this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
7. As with any appliance, close supervision is necessary when it is used by children. Keep children away from the door when opening or closing it as they may bump themselves on the door or catch their fingers in the door.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This appliance should be repaired or serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
10. Do not cover or block any openings on the appliance.
11. Do not tamper with or make any adjustments or repairs to the door.
12. Do not store this appliance outdoors. Do not use this product near water, for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.



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**13.** Do not immerse the cord or plug in water.

**14.** Keep the cord away from heated surfaces. (including the back of the oven).

**15.** Do not let the cord hang over edge of table or counter.

**16.** When cleaning surfaces of the door and oven that come together when the door closes, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth. Unplug the plug before cleaning.

**17.** To reduce the risk of fire in the oven cavity:

- **a.** Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- **b.** Remove wire twist-ties from paper or plastic bags before placing the bags in the oven.
- **c.** If materials inside the oven ignite, keep the oven door closed, turn the oven off, and disconnect the power cord, or shut off the power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.
- **d.** Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

**18.** Liquids, such as water, milk, coffee, or tea can be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury:

- **a.** Do not overheat liquid.
- **b.** Stir liquid both before and halfway through heating it.
- **c.** Do not use straight-sided containers with narrow necks.
- **d.** After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- **e.** Use extreme care when inserting a spoon or other utensil into the container.

**19.** Oversized foods or oversized metal utensils should not inserted in microwave / toaster oven as they may create a fire of electric shock.

**20.** Do not clean with metal scouring pads. Piece can burn off the pad and touch electrical parts involving a risk of electric shock.

**21.** Do not use paper products when appliance is operated in the toaster mode.

**22.** Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.

**23.** Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

## ⚠ CAUTION

**1.** Over The Range model Only

- Clean Ventilating Hoods Frequently - Grease should not be allowed to accumulate on the hood of the filter.
- When flaming foods under the hood, turn the fan on.
- Use care when cleaning the vent-hood filter. Corrosive cleaning agents, such as lye-based oven cleaner, may damage the filter.

**2.** Push Button type model Only

- Pre-caution for safe use to avoid possible exposure to excessive micro oven energy : Do not attempt to pull any part of the door by hand to open the door. Open the door only utilizing the push button located at front-right-bottom side.

## GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current. This appliance is equipped with a cord that includes a grounding wire and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

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## ⚠ WARNING

Improper use of the grounding plug can result in a risk of electric shock.

- Plug into a grounded 3 prong outlet. Do not remove the third (grounding) prong. Do not use an adaptor or otherwise defeat the grounding plug.
- Consult a qualified electrician or service person if you do not understand the grounding instructions or if you are not sure if the appliance is properly grounded.
- We do not recommend using an extension cord with this appliance. If the power-supply cord is too short, have a qualified electrician or serviceman install an outlet near the appliance. However, if it is necessary to use an extension cord, read and follow the “Use of Extension Cords” section below.

# USE OF EXTENSION CORDS

A short power-supply cord is provided to reduce the risk of your becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and you can use them if you exercise care. If you use a long cord or extension cord:

1. The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
2. The extension cord must be a grounding-type 3-wire cord and it must be plugged into a 3-slot outlet.
3. The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over accidentally. If you use an extension cord, the interior light may flicker and the speed of the blower may vary when the microwave oven is on. Cooking times may be longer too.

## ⚠ CRITICAL INSTALLATION WARNINGS

The installation of this appliance must be performed by a qualified technician or service company.

- Failing to have a qualified technician install the oven may result in electric shock, fire, an explosion, problems with the product, or injury.

Unpack the oven, remove all packaging material and examine the oven for any damage such as dents on the interior or exterior of the oven, broken door latches, cracks in the door, or a door that is not lined up correctly. If there is any damage, do not operate the oven and notify your dealer immediately.

Make sure to install your oven in a location with adequate space.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failing to do so may result in electric shock or fire.

Plug the power cord into a properly grounded 3 pronged outlet. Your oven should be the only appliance connected to this circuit.

- Sharing a wall socket with other appliances, using a power strip, or extending the power cord may result in electric shock or fire.
- Do not use an electric transformer. It may result in electric shock or fire.
- Ensure that the voltage, frequency and current provided match the product’s specifications. Failing to do so may result in electric shock or fire.

Keep all packaging materials out of the reach of children. Children may use them for play.



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This appliance must be properly grounded. Read and follow the specific “Grounding instructions” found in the beginning of this Section. Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product.
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is grounded in accordance with local and national codes.

Do not cut or remove the third (ground) prong from the power cord under any circumstances.

Connect the oven to a 20A circuit. If you connect the oven to a 15A circuit, make sure that the circuit breaker is operable.

Do not install this appliance in a humid, oily, or dusty location, or in a location exposed to direct sunlight or water (rain drops).

- This may result in electric shock or fire.

Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord, or loose wall socket.

- This may result in electric shock or fire.

Do not mount over a sink.
Do not pull or excessively bend the power cord.
Do not twist or tie the power cord.

Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.

- This may result in electric shock or fire.

Do not pull the power cord when you unplug the oven.

- Unplug the oven by pulling the plug only.
- Faili ng to do so may result in electric shock or fire.

When the power plug or power cord is damaged, contact your nearest service center for a replacement or repair.

## CAUTION INSTALLATION CAUTIONS

Position the oven so that the plug is easily accessible.

- Failing to do so may result in electric shock or fire due to electric leakage.

Unplug the oven when it is not being used for long periods of time or during a thunder/lightning storm.

- Failing to do so may result in electric shock or fire.

## WARNING CRITICAL USAGE WARNINGS

If the microwave appliance is flooded, please contact your nearest service center. Failing to do so may result in electric shock or fire.

Read and follow the specific “Precautions to Avoid Possible Exposure to Excessive Mic rowave Energy”, found in the beginning of this Safety Information Section.

If the microwave generates a strange noise, a burning smell or smoke, unplug it immediately and contact your nearest service center.

- Failing to do so may result in electric shock or fire.

In the event of a gas leak (propane gas, LP gas, etc.), ventilate the room immediately. Do not touch the microwave, power cord, or plug.

- Do not use a ventilating fan.
- A spark may result in an explosion or fire.

Take care that the door or any of the other parts do not come into contact with your body while cooking or just after cooking.

- Failing to do so may result in burns.

In the event of a grease fire on the surface units below the oven, smother the flaming pan on the surface unit by covering the pan completely with a lid, a cookie sheet, or a flat tray.

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Never leave surface units beneath your oven unattended at high heat settings. Boil overs cause smoking and greasy spillovers that may ignite and spread if the vent fan is operating. To minimize automatic fan operation, use adequate sized cookware and use high heat on surface units only when necessary.

If materials inside the oven should ignite, keep the oven door closed, turn the oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.

- Always observe Safety Precautions when using your oven. Never try to repair the oven on your own. There is dangerous voltage inside. If the oven needs to be repaired, contact an authorized service center near you.

Do not attempt to repair, disassemble, or modify the appliance yourself.

- Because a high voltage current enters the product chassis during operation, opening the chassis can result in electric shock or fire.
- You may be exposed to electromagnetic waves.
- When the oven requires repair, contact your nearest service center.

If any foreign substance such as water enters the microwave, unplug it and contact your nearest service center.

- Failing to do so may result in electric shock or fire.

Do not touch the power plug with wet hands.

- This may result in electric shock.

Do not turn the appliance off by unplugging the power plug while the appliance is in operation.

- Plugging the power plug into the wall socket again may cause a spark and result in electric shock or fire.

Keep all packaging materials well out of the reach of children. Packaging materials can be dangerous to children.

- If a child places a bag over its head, the child can suffocate.

Do not let children or any person with reduced physical, sensory or mental capabilities use this appliance unsupervised. Make sure that the appliance is out of the reach of children.

- Failing to do so may result in electric shock, burns or injury.

Do not touch the inside of the appliance immediately after cooking. The inside of the appliance will be hot.

- The heat on the inside of the oven can cause burns.

Do not put aluminum foil (except as specifically directed in this manual), metal objects (such as containers, forks, etc.) or containers with golden or silver rims into the microwave.

- These objects can cause sparks or a fire.

Do not use or place flammable sprays or objects near the oven.

- Heat from the microwave can cause flammable sprays to explode or burn.
- Failing to do so may result in electric shock or injury.

Do not tamper with or make any adjustments or repairs to the door. Under no circumstances should you remove the outer cabinet.

Do not store or use the oven outdoors.

# USAGE CAUTIONS

If the surface of the microwave is cracked, turn it off.

- Failing to do so may result in electric shock.

Dishes and containers can become hot. Handle with care.

Hot foods and steam can cause burns. Carefully remove container coverings, directing steam away from your hands and face.

Remove lids from baby food before heating. After heating baby food, stir well to distribute the heat evenly. Always test the temperature by tasting before feeding the baby. The glass jar or surface of the food may appear to be cooler than the food in the interior, which can be so hot that it will burn the infant's mouth.



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Make sure all cookware used in the oven is suitable for microwaving.
Use microwavable cookware in strict compliance with such manufacturer's recommendations.

Do not stand on top of the microwave or place objects (such as laundry, oven covers, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- Items, such as a cloth, may get caught in the door.
- This may result in electric shock, fire, problems with the product, or injury.

Do not operate the appliance with wet hands.

- This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.

- As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not place the appliance over a fragile object such as a sink or glass object.

- This may result in damage to the sink or glass object.

Do not put your face or body close to the appliance while cooking or when opening the door just after cooking.

- Take care that children do not come too close to the appliance.
- Failing to do so may result in children burning themselves.

Do not place food or heavy objects over the door when opening the door.

- The food or object may fall and this may result in burns or injury.

Do not abruptly cool the door, the inside of the appliance, or the dish by pouring water over it during or just after cooking.

- This may result in damage to the appliance. The steam or water spray may result in burns or injury.

Do not cook without the glass tray in place on the oven floor. Food will not cook properly without the tray.

Do not defrost frozen beverages in narrow-necked bottles. The containers can break.

Do not scratch the glass of the oven door with a sharp object.

- This may result in the glass being damaged or broken.

Do not store anything directly on top of the appliance when it is in operation.

Do not use sealed containers. Remove seals and lids before use. Sealed containers can explode due to buildup of pressure even after the oven has been turned off.

## ⚠ WARNING CRITICAL CLEANING INSTRUCTIONS

Do not clean the appliance by spraying water directly onto it.

Do not use benzene, thinner, or alcohol to clean the appliance.

- This may result in discoloration, deformation, damage, electric shock, or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket and remove food waste from the door and cooking compartment.

- Failing to do so may result in electric shock or fire.

Take care not to hurt yourself when cleaning the appliance. (external/internal)

- You may hurt yourself on the sharp edges of the appliance.

Do not clean the appliance with a steam cleaner.

- This may result in corrosion.

Keep the inside of the oven clean. Food particles or spattered oils stuck to the oven walls or floor can cause paint damage and reduce the efficiency of the oven.

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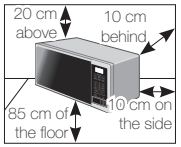
# INSTALLING YOUR MICROWAVE OVEN

Place the oven on a flat level surface 85 cm above the floor. The surface should be strong enough to safety bear the weight of the oven.

**NOT FOR BUILT-IN INSTALLATION**




1. When you install your oven, make sure there is adequate ventilation for your oven by leaving at least 10 cm (4 inches) of space behind and, on the sides of the oven and 20 cm (8 inches) of space above.
2. Remove all packing materials inside the oven.
3. Install the roller ring and turntable. Check that the turntable rotates freely. (Turntable type model only)
4. This microwave oven has to be positioned so that plug is accessible.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. For your personal safety, plug the cable into a proper AC earthed socket.

Do not install the microwave oven in hot or damp surroundings like next to a traditional oven or radiator. The power supply specifications of the oven must be respected and any extension cable used must be of the same standard as the power cable supplied with the oven. Wipe the interior and the door seal with a damp cloth before using your microwave oven for the first time.

# CLEANING THE TURNTABLE AND ROLLER RINGS

Clean the roller rings periodically and wash the turntable as required. You can wash the turntable safely in your dishwasher.

# STORING AND REPAIRING YOUR MICROWAVE OVEN

If you need to store your microwave oven for a short or extended period of time, choose a dust-free, dry location. Dust and dampness may adversely affect the microwave parts.

WARNING

- Do not repair, replace or service any part of your microwave oven yourself. Allow only a qualified service technician to perform repairs. If the oven is faulty and needs servicing, or you are in doubt about its condition, unplug the oven from the power outlet and contact your nearest service center.
- Do not use the oven if it is damaged, in particular, if the door or door seals are damaged. Door damage includes a broken hinge, a worn out seal, or distorted/bent casing.
- Do not remove the oven from its casing.
- This microwave oven is for home use only and is not intended for commercial use.





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# quick look-up guide

**If you want to cook some food.**

| | |
|---|---|
| 1 Less 2 3<br>4 5 6<br>7 8 More 9<br>0 | **1.** Place the food in the oven.<br>Press the **Number** buttons to enter operating time. |
| START | **2.** Press the **START** button.<br>**Result:** Cooking starts. The oven beeps 4 times when cooking is over. |

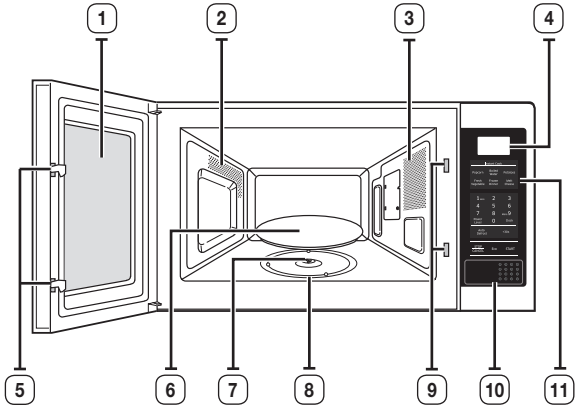
**If you want to Defrost some food.**

| | |
|---|---|
| Auto Defrost | **1.** Place the frozen food in the oven.<br>Press the **Auto Defrost** button once or more times. |
| 1 Less 2 3<br>4 5 6<br>7 8 More 9<br>0 | **2.** Select the weight by pressing the **Number** buttons. |
| START | **3.** Press the **START** button. |

Refer to the section entitled “Using the auto defrost features” on page 16 for further details.

# oven features

## OVEN




1. DOOR
2. VENTILATION HOLES
3. LIGHT
4. DISPLAY
5. DOOR LATCHES
6. TURNTABLE
7. COUPLER
8. ROLLER RING
9. SAFETY INTERLOCK HOLES
10. OPEN DOOR PUSH BUTTON
11. CONTROL PANEL



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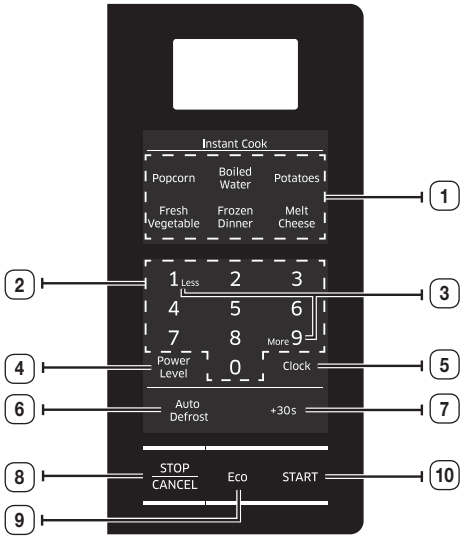
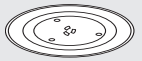
## CONTROL PANEL




1. INSTANT COOK BUTTONS
2. NUMBER BUTTONS
3. MORE/LESS BUTTONS
4. POWER LEVEL BUTTON
5. CLOCK BUTTON
6. AUTO DEFROST BUTTON
7. +30s BUTTON
8. STOP/CANCEL BUTTON
9. ECO BUTTON
10. START BUTTON

## ACCESSORIES

Depending on the model that you have purchased, you are supplied with several accessories that can be used in a variety of ways.

| | |
|---|---|
| | **1. Roller ring**, to be placed in the centre of the oven.<br>**Purpose:** The roller ring supports the turntable. |
|  | **2. Turntable**, to be placed on the roller ring with the centre fitting to the coupler.<br>**Purpose:** The turntable serves as the main cooking surface; it can be easily removed for cleaning. |

**DO NOT** operate the microwave oven without the roller ring and turntable.





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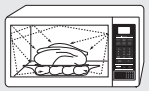
## HOW A MICROWAVE OVEN WORKS

Microwaves are high-frequency electromagnetic waves; the energy released enables food to be cooked or reheated without the foods form or colour changing.

You can use your microwave oven to:

- Defrost (manual & auto)
- Cook
- Reheat

Cooking Principle.



1. The microwaves generated by the magnetron are distributed uniformly as the food rotates on the turntable. The food is thus cooked evenly.
2. The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm). Cooking then continues as the heat is dissipated within the food.
3. Cooking times vary according to the recipient used and the properties of the food:
   - Quantity and density
   - Water content
   - Initial temperature (refrigerated or not)

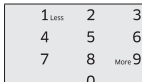
As the centre of the food is cooked by heat dissipation, cooking continues even when you have taken the food out of the oven. Standing times specified in recipes and in this booklet must therefore be respected to ensure:

- Even cooking of the food right to the centre.
- The same temperature throughout the food.

## CHECKING THAT YOUR OVEN IS OPERATING CORRECTLY

The following simple procedure enables you to check that your oven is working correctly at all times.

Open the oven door by pushing the push button on the bottom side of the control panel. Place a glass of water on the turntable. Then, close the door.




1. Press the **Number** buttons to enter operating time. (4 to 5 minutes)

2. Press the **START** button.
   **Result:** The oven light comes on and the turntable starts rotating.
   1) Cooking starts and when it has finished the oven beeps 4 times.
   2) The end reminder signal will beep 1 time (once every minute).
   3) The current time is displayed again.

The oven must be plugged into an appropriate wall socket. The turntable must be in position in the oven. If a power level other than the maximum is used, the water takes longer to boil.



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## SETTING THE TIME

Your microwave oven has an inbuilt clock. When power is supplied, ":0", "88:88" or "12:00" is automatically displayed on the display.
Please set the current time. You must set the clock:

- When you first install your microwave oven
- After a power failure

Do not forget to reset the clock when you switch to and from summer and winter time.

| | |
|---|---|
| Clock | **1. To set the time.** Press the **Clock** button once. |
| **5,0,0** | **2.** Use the **Number** buttons to enter the current time. You must press at least three numbers to set the clock. If the current time is 5:00 enter, **5, 0, 0**. |
| Clock | **3.** Press the **Clock** button again. A colon will blink, indicating that the time is set. |

## USING THE +30S BUTTON

You can increase the cooking time by pressing the **+30s** button once for each 30 seconds to be added.

| | |
|---|---|
| +30s | **1.** Press the **+30s** button once for each 30 seconds to be added.<br>Add 30 seconds to a program in progress by pressing the **+30s** button for each 30 seconds you want to add. |
| START | **2.** Press the **START** button.<br>It only work in MWO, except all Instant Cook mode. |

## SETTING POWER LEVELS

| | |
|---|---|
| Power Level | Your microwave allows you to set up to two different stages of cooking, each with its own time length and power level. The **Power Level** button lets you control the heating intensity from Warm (1) to High (0). |

## ONE-STAGE COOKING

For simple one-stage cooking, you only need to set a cooking time. The power level is automatically set to High. If you want to set the power to any other level, you must set it using the **Power Level** button.

| | |
|---|---|
| **2,0,0,0** | **1.** Use the **Number** buttons to set a cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the seconds too. **For example, to set 20 minutes, enter 2, 0, 0, 0.** |
| Power Level 1 Less 2 3 4 5 6 7 8 9 More 0 | **2.** If you want to set the power level to something other than High, press the **Power Level** button, then use the **Number** buttons to enter a power level.<br>**Power Levels**<br>1 = PL:10 (Warm) · 6 = PL:60 (Simmer)<br>2 = PL:20 (Low) · 7 = PL:70 (Medium high)<br>3 = PL:30 (Defrost) · 8 = PL:80 (Reheat)<br>4 = PL:40 (Medium low) · 9 = PL:90 (Sauté)<br>5 = PL:50 (Medium) · 0 = PL:Hi (High) |
| START | **3.** Press the **START** button to begin cooking. If you want to change the power level, press the **STOP/CANCEL** button before you press the **START** button, and re-enter all of the instructions. |

Some recipes require different stages of cooking at different temperatures. You can set multiple stages of cooking with your microwave.



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## MULTI-STAGE COOKING

1. Follow steps 1 and 2 in the “One-Stage Cooking” section on page 13 for further details.

When entering more than one cooking stage, the **Power Level** button must be pressed before the second cooking stage can be entered.

2. Use the **Number** buttons to set a second cooking time.

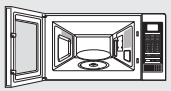
3. Press the **Power Level** button, then use the **Number** buttons to set the power level of the second stage of cooking.

4. Press the **START** button to begin cooking.

You can check the Power Level while cooking is in progress by pressing the **Power Level** button.

## STOPPING THE COOKING

You can stop cooking at any time to check the food.



1. To stop temporarily;
   1) Open the door.
   **Result:** Cooking stops. To resume cooking, close the door and press the **START** button again.
   2) Press the **STOP/CANCEL** button.
   **Result:** Cooking stops. To resume cooking, press the **START** button again.

2. To stop completely;
   Press the **STOP/CANCEL** button.
   **Result:** The cooking stops. If you wish to cancel the cooking settings, press the **STOP/CANCEL** button again.

You can also cancel any setting before starting by simply pressing the **STOP/CANCEL** button.

## USING THE MORE/LESS BUTTONS

The **More/Less** buttons allow you to adjust pre-set cooking times. They only work in the Instant, Time Cook modes. Use the **More/Less** button only after you have already begun cooking with one of these procedures.

1. To ADD more time to an automatic cooking procedure:
   Press the **More (9)** button.

2. To REDUCE the time of an automatic cooking procedure:
   Press the **Less (1)** button.

If you wish to increase/decrease in Time Cook mode by 10 sec, press the **More (9)** or **Less (1)** button.

## SETTING THE ENERGY SAVE MODE

The oven has an energy save mode. This facility saves electricity when the oven is not in use. Normal condition is standby mode and show clock when not using.

- Press the **Eco** button.
  **Result:** Display off.
- To remove energy save mode, open the door or press the **Eco** button and then display shows current time. The oven is ready for use.



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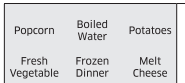
## USING THE INSTANT COOK FEATURES

The Instant cook features enables you to cook. You do not need to set either the cooking times or the power level. You can select the food servings by pressing the **Instant Cook** buttons.

First, place the food in the centre of the turntable and close the door.

| | |
|---|---|
|  | **1.** Select the type of food that you are cooking by pressing the **Instant Cook** button one or more times. (Refer to the table on the side). |
| | **2.** Press the **START** button.<br>**Result:** Cooking starts. When it has finished.<br>1) The oven beeps 4 times.<br>2) The end reminder signal will beep 1 time (once every minute).<br>3) The current time is displayed again. |

When the cooking times is over, the oven will beep. The oven will then beep every minute.

The following table presents the Instant Cook programmes, quantities and appropriate instructions.

| Code/Food | Serving Size | Instructions |
|---|---|---|
| 1<br>Popcorn | 3.5 oz<br>3.0-3.5 oz | Use one microwave-only bag of popcorn.<br>Use caution when removing and opening hot bag from oven. |
| 2<br>Boiled Water | ½ cup<br>1 cup<br>2 cups | Use a microwave-safe mug of room temperature coffee, tea, instant soup etc. Stir before serving. |
| 3<br>Potatoes | 1 to 4 ea | Prick each potato several times with fork. Place on turntable in spoke-like fashion. Remove from oven, wrap in foil and let stand for 3-5 min. |
| 4<br>Fresh Vegetable | 1 serving<br>2 servings<br>3 servings<br>4 servings | Place the vegetables into a casserole and add a small amount of water (2-4 tbsp). Cover during cooking and stir before standing. |
| 5<br>Frozen Dinner | 8-10 oz<br>10-12 oz | Remove package from outer wrapping and follow package instructions for covering and standing. After cooking, let stand for 1-3 min. |
| 6<br>Melt Cheese | 3.0 oz | Unwrap the cheese and place on a microwave-safe container. Cut in half vertically. Let stand for 2 minutes. |





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## USING THE AUTO DEFROST FEATURES

The Auto Defrost features enables you to defrost meat, poultry, fish and bread/cake. The defrost time and power level are set automatically.
You simply select the programme and the weight.

Use only dishes that are microwave-safe.

First, place the frozen food in the centre of the turntable and close the door.

| | |
|---|---|
| Auto Defrost | **1.** Press the **Auto Defrost** button. The display shows “0.5”. (0.2 if you have set your oven for metric measure.) |
| 1 Less 2 3<br>4 5 6<br>7 8 More 9<br>0 | **2.** To set the weight of your food, press the **Auto Defrost** button repeatedly. This increases the weight by 0.5 lb increments, up to 6.0 lbs (The **Auto Defrost** button will increase the weight by 0.2 kg if you are using metric measurement). You can also use the **Number** buttons to enter the weight of the food directly.<br>The oven calculates the defrosting time and starts automatically. Twice during defrosting, the oven will beep. |
| STOP CANCEL | **3.** Press the **STOP/CANCEL** button, open the oven door, and turn the food over. |
| START | **4.** Press the **START** button to resume defrosting.<br>**Result:**<br>• Defrosting begins.<br>• The oven beeps half way through defrosting to remind you to turn the food over.<br>• Press the **START** button again to finish defrosting. |

You can also defrost food manually. To do so, select the microwave cooking/ reheating function with a power level of 30 %. Refer to the section entitled “One-Stage Cooking” on page 13 for further details.

Refer to the section en “Switching the weight unit” on page 17 for further details.

The following table presents the various Auto Defrost programmes, quantities and appropriate instructions. Remove all kinds of package material before defrosting.

| Code/Food | Serving Size | Instructions |
|---|---|---|
| 1<br>Roast Beef, Pork | 1.1-2.6 kg | Start with the food placed fat side down.<br>After each stage, turn the food over and shield any warm portions with narrow strips of aluminum foil. |
| 2<br>Steaks, Chops, Fish | 0.2-1.4 kg | After each stage, rearrange the food. If there are any warm or thawed portions of food, shield them with narrow flat pieces of aluminum foil. Remove any pieces of food that are nearly defrosted. Let stand, covered, for 5-10 minutes. |
| 3<br>Ground Meat | 0.2-1.4 kg | After each stage, remove any pieces of food that are nearly defrosted. Let stand, covered with foil, for 5-10 minutes. |
| 4<br>Whole Chicken | 1.1-2.6 kg | Remove giblets before freezing poultry.<br>Start defrosting with the breast side down.<br>After the first stage, turn the chicken over and shield any warm portions with narrow strips of aluminum foil. After the second stage, again shield any warm portions with narrow strips of aluminum foil. Let stand, covered, for 30-60 minutes in the refrigerator. |
| 5<br>Chicken Pieces | 0.2-1.4 kg | After each stage, rearrange or remove any pieces of food that are nearly defrosted.<br>Let stand for 10-20 minutes. |

Check foods when the oven signals. After the final stage, small sections may still be icy; let them stand to continue thawing. Do not defrost until all ice crystals have thawed. Shielding roasts and steaks with small pieces of foil prevents the edges from cooking before the center of the food has defrosted.

Use narrow, flat, smooth strips of aluminum foil to cover the edges and thinner sections of the food.



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## SAFETY-LOCKING YOUR MICROWAVE OVEN

Your microwave oven is fitted with a special Child Safety programme, which enables the oven to be "locked" so that children or anyone unfamiliar with it cannot operate it accidentally.

**1.** Press the hidden button (The **Number** "**0**" button + the **Number** "**2**" button) for 3 seconds.
**Result:**
- The oven is locked (no functionscan be selected).

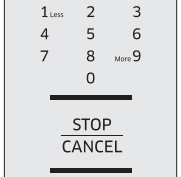
**2.** To unlock the oven, repeat step 1 above.
**Result:** The oven can be used normally.

## SWITCHING THE WEIGHT UNIT

The first time you plug the power cord into an outlet, or after there has been an interruption in power, the display shows "88:88" At this point, you can select the weight system for the display. You can choose between pounds (LBS) or kilograms (GR). To do so,

**1.** Press the **Number** "**0**" button immediately after plugging in your microwave.
**Result:**
- The display shows "L".

If the display does not shows "Gr", you will need to unplug the microwave and then plug it in again in order to change to the weight selection.




**2.** Press the **Number** "**0**" button repeatedly to select the weight system you wish to use:

When you have selected the weight system you want to use, press the **STOP/CANCEL** button to end this procedure.

# cookware guide

To cook food in the microwave oven, the microwaves must be able to penetrate the food, without being reflected or absorbed by the dish used.
Care must therefore be taken when choosing the cookware. If the cookware is marked microwave-safe, you do not need to worry.
The following table lists various types of cookware and indicates whether and how they should be used in a microwave oven.

| Cookware | Microwave-safe | Comments |
|---|---|---|
| **Aluminum foil** | ✓✗ | Can be used in small quantities to protect areas against overcooking. Arcing can occur if the foil is too close to the oven wall or if too much foil is used. |
| **Crust plate** | ✓ | Do not preheat for more than 8 minutes. |
| **China and earthenware** | ✓ | Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless decorated with a metal trim. |
| **Disposable polyester cardboard dishes** | ✓ | Some frozen foods are packaged in these dishes. |
| **Fast-food packaging** | | |
| • Polystyrene cups containers | ✓ | Can be used to warm food. Overheating may cause the polystyrene to melt. |
| • Paper bags or newspaper | ✗ | May catch fire. |
| • Recycled paper or metal trims | ✗ | May cause arcing. |

(continued)





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| Cookware | Microwave-safe | Comments |
|---|---|---|
| **Glassware** | | |
| • Oven-to-tableware | ✓ | Can be used, unless decorated with a metal trim. |
| • Fine glassware | ✓ | Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly. |
| • Glass jars | ✓ | Must remove the lid. Suitable for warming only. |
| **Metal** | | |
| • Dishes | ✗ | May cause arcing or fire. |
| • Freezer bag twist ties | ✗ | |
| **Paper** | | |
| • Plates, cups, napkins and kitchen paper | ✓ | For short cooking times and warming. Also to absorb excess moisture. |
| • Recycled paper | ✗ | May cause arcing. |
| **Plastic** | | |
| • Containers | ✓ | Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use Melamine plastic. |
| • Cling film | ✓ | Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape. |
| • Freezer bags | ✓✗ | Only if boilable or oven-proof. Should not be airtight. Prick with a fork, if necessary. |
| **Wax or grease-proof paper** | ✓ | Can be used to retain moisture and prevent spattering. |

✓ **: Recommended** ✓✗ **: Use Caution** ✗ **: Unsafe**

## MICROWAVES

Microwave energy actually penetrates food, attracted and absorbed by its water, fat and sugar content.
The microwaves cause the molecules in the food to move rapidly. The rapid movement of these molecules creates friction and the resulting heat cooks the food.

## COOKING

**Cookware for microwave cooking:**
Cookware must allow microwave energy to pass through it for maximum efficiency. Microwaves are reflected by metal, such as stainless steel, aluminium and copper, but they can penetrate through ceramic, glass, porcelain and plastic as well as paper and wood. So food must never be cooked in metal containers.

**Food suitable for microwave cooking:**
Many kinds of food are suitable for microwave cooking, including fresh or frozen vegetables, fruit, pasta, rice, grains, beans, fish, and meat. Sauces, custard, soups, steamed puddings, preserves, and chutneys can also be cooked in a microwave oven. Generally speaking, microwave cooking is ideal for any food that would normally be prepared on a hob. Melting butter or chocolate, for example (see the chapter with tips, techniques and hints).

**Covering during cooking**
To cover the food during cooking is very important, as the evaporated water rises as steam and contributes to cooking process. Food can be covered in different ways: e.g. with a ceramic plate, plastic cover or microwave suitable cling film.

**Standing times**
After cooking is over food the standing time is important to allow the temperature to even out within the food.



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### Guide for cooking meat in your microwave

Place meat on a microwave-safe roasting rack in a microwave-safe dish.
Start meat fat-side down. Use narrow strips of aluminum foil to shield any bone tips or thin meat areas. Check the temperature in several places before letting the meat stand the recommended time. The following temperatures are removal temperatures. The temperature of the food will rise during the standing time.

| Food | Cook Time | Power Level |
|---|---|---|
| Roast Beef Boneless Up to 1.8 kg | 7-11 min. 454 g for 46 °C - Rare<br>8-12 min. 454 g for 49 °C - Medium<br>9-14 min. 454 g for 63 °C - Well Done | High (0) for first 5 min., then Medium (5). |
| | **Directions**<br>Place roast fat-side down on roasting rack. Cover with wax paper. Turn over when cooking time is half up. Let stand for 10 min. | |
| Pork boneless or bone-in Up to 1.8 kg | 11-15 min. 454 g for 71 °C - Well Done | High (0) for first 5 min., then Medium (5). |
| | **Directions**<br>Place roast fat-side down on roasting rack. Cover with vented plastic wrap. Turn over when cooking time is half up. Let stand for 5-10 min. | |

### Guide for cooking poultry in your microwave

Place poultry on a microwave-safe roasting rack in a microwave-safe dish.
Cover poultry with wax paper to prevent spattering. Use aluminum foil to shield bone tips, thin meat areas, or areas that start to overcook. Check the temperature in several places before letting the poultry stand the recommended time.

| Food | Cook Time | Power Level |
|---|---|---|
| Whole Chicken Up to 1.8 kg | 6-9 min. 454 g 77-82 °C | High (0) |
| | **Directions**<br>Place chicken breast-side down on roasting rack. Cover with wax paper. Turn over when the cooking time is half up. Cook until juices run clear and meat near the bone is no longer pink. Let stand for 5-10 min. | |
| Chicken Pieces Up to 907 g | 6-9 min. 454 g<br>82 °C dark meat<br>77 °C light meat | High (0) |
| | **Directions**<br>Place chicken bone-side down on dish, with the thickest portions towards the outside of the dish. Cover with wax paper. Turn over when the cooking time is half up. Cook until juices run clear and meat near the bone is no longer pink. Let stand for 5-10 min. | |

### Guide for cooking seafood in your microwave

Cook fish until it flakes easily with a fork. Place fish on a microwave-safe roasting rack in a microwave-safe dish. Use a tight cover to steam fish. A lighter cover of wax paper or paper towel provides less steaming. Do not overcook fish; check it at minimum cooking time.

| Food | Cook Time | Power Level |
|---|---|---|
| Steaks Up to 680 g | 6-10 min. 454 g | Medium-High (7). |
| | **Directions**<br>Arrange steaks on roasting rack with meaty portions towards the outside of rack. Cover with wax paper. Turn over and rearrange when cooking time is half up. Cook until fish flakes easily with a fork. Let stand for 3-5 min. | |
| Fillets Up to 680 g | 3-7 min. 454 g | High (0) |
| | **Directions**<br>Arrange fillets in a baking dish, turning any thin pieces under Cover with wax paper. If over ½ inch thick, turn over and rearrange when cooking time is half up. Cook until fish flakes easily with a fork. Let stand for 2-3 min. | |
| Shrimp Up to 680 g | 3-5 min. 454 g | High (0) |
| | **Directions**<br>Arrange shrimp in a baking dish without overlapping or layering. Cover with wax paper. Cook until firm and opaque, stirring 2 or 3 times. Let stand for 5 min. | |



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### Guide for cooking eggs in your microwave

Never cook eggs in the shell, and never warm hard-cooked eggs in the shell; they can explode. Always pierce whole eggs to keep them from bursting.
Cook eggs just until set; they become tough if overcooked.

### Guide for cooking vegetables in your microwave

Vegetables should be washed just before cooking. Often, no extra water is needed. If dense vegetables such as potatoes, carrots and green beans are being cooked, add about ¼ cup water. Small vegetables (sliced carrots, peas, lima beans, etc.) will cook faster than larger ones.
Whole vegetables, such as potatoes, acorn squash or corn on the cob, should be arranged in a circle on the turntable before cooking. They will cook more evenly if turned over after half the cooking time. Always place vegetables like asparagus and broccoli with the stem ends pointing towards the edge of the dish and the tips toward the center. When cooking cut vegetables, always cover the dish with a lid or vented microwavable plastic wrap. Whole, unpeeled vegetables such as potatoes, squash, eggplant, etc, should have their skin pricked in several spots before cooking to prevent them from bursting. For more even cooking, stir or rearrange whole vegetables halfway through the cooking time. Generally, the denser the food, the longer the standing time.
(Standing time refers to the time necessary for dense, large foods and vegetables to finish cooking after they come out of the oven.) A baked potato can stand on the counter for five minutes before cooking is completed, while a dish of peas can be served immediately.

## TIPS AND TRICKS

### MELTING CRYSTALLIZED HONEY

Put 20 g crystallized honey into a small deep glass dish.
Heat for 20-30 seconds using 30 %, until honey is melted.

### MELTING GELATINE

Lay dry gelatine sheets (10 g) for 5 minutes into cold water.
Put drained gelatine into a small glass pyrex bowl.
Heat for 1 minute using 30 %.
Stir after melting.

### COOKING GLAZE/ICING (FOR CAKE AND GATEAUX)

Mix instant glaze (approximately 14 g) with 40 g sugar and 250 ml cold water.
Cook uncovered in a glass pyrex bowl for 3½ to 4½ minutes using 90 %, until glaze/icing is transparent. Stir twice during cooking.

### COOKING JAM

Put 600 g fruits (for example mixed berries) in a suitable sized glass pyrex bowl with lid.
Add 300 g preserving sugar and stir well.
Cook covered for 10-12 minutes using 90 %.
Stir several times during cooking. Empty directly into small jam glasses with twist-off lids.
Stand on lid for 5 minutes.

### COOKING PUDDING/ CUSTARD

Mix pudding powder with sugar and milk (500 ml) by following the manufacturers instructions and stir well. Use a suitable sized glass pyrex bowl with lid. Cook covered for 6½ to 7½ minutes using 90 %.
Stir several times well during cooking.

### BROWNING ALMOND SLICES

Spread 30 g sliced almonds evenly on a medium sized ceramic plate.
Stir several times during browning for 3½ to 4½ minutes using 60 %.
Let it stand for 2-3 minutes in the oven. Use oven gloves while taking out!



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## TROUBLESHOOTING

If you have any of the problems listed below try the solutions given.

**This is normal.**

- Condensation inside the oven.
- Air flow around the door and outer casing.
- Light reflection around the door and outer casing.
- Steam escaping from around the door or vents.

**The oven does not start when you press the START button.**

- Is the door completely closed?

**The food is not cooked at all.**

- Have you set the timer correctly and/or pressed the **START** button?
- Is the door closed?
- Have you overloaded the electric circuit and caused a fuse to blow or a breaker to be triggered?

**The food is either overcooked or undercooked.**

- Was the appropriate cooking length set for the type of food?
- Was an appropriate power level chosen?

**The light bulb is not working.**

- The Light bulb should not be replaced in person for safety reasons. Please contact nearest authorised Samsung customer care, to arrange for a qualified engineer to replace the bulb.

**The oven causes interference with radios or televisions.**

- Slight interference may be observed on televisions or radios when the oven is operating. This is normal. To solve this problem, install the oven away from televisions, radios and aerials.
- If interference is detected by the oven's microprocessor, the display may be reset. To solve this problem, disconnect the power plug and reconnect it. Reset the time.

**Smoke and bad smell when initial operating.**

- It's a temporary condition by new component heating. Smoke and smell will disappear completely after 10 minutes operation.
  To remove smell more quickly, please operate microwave oven with putting lemon formation or lemon juice in the cabinet.

**Sparking and cracking occur inside the oven (arcing).**

- Have you used a dish with metal trimmings?
- Have you left a fork or other metal utensil inside the oven?
- Is aluminum foil too close to the inside walls?

If the above guidelines do not enable you to solve the problem, then contact your local SAMSUNG customer service centre.
Please have the following information read;

- The model and serial numbers, normally printed on the rear of the oven
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG aftersales service.

For the power level set to over 70 % of power level, after the first 20 minutes the power level will automatically adjusted to 70 % of power level to avoid overcooking.

## ERROR CODE

**"SE" message indicates.**

- The "SE" message indicate "Key Short" error happen.
  Please check if one or more buttons are pressed for a long time.
  Turn off the microwave oven and try setting again.
  If it occurs again, call your local SAMSUNG Customer Care Centre.





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## WARRANTY AND SERVICE INFORMATION

To help us better serve you, please complete the enclosed registration card and promptly return it by mail. If the registration card is missing, you can call Samsung Electronics.

| |
|---|
| Latin America-Panama, at 800-7267, 800-0101, or register online<br>www.samsung.com/latin/support (Spanish)<br>www.samsung.com/latin_en/support (English) |
| Colombia, at 018-000112112, or register online<br>www.samsung.com/co/support |
| Mexico, at 01-800-SAMSUNG (726-7864), or register online<br>www.samsung.com/mx/support |

When contacting Samsung, please provide the specific model and serial number information which is usually located on the side or back of the product. Please record these numbers below, along with the other requested information. Keep this information in a safe place as a permanent record of your purchase to aid in identification in case of theft or loss, and a copy of your sales receipt as a proof of purchase if warranty service is needed.

**Model Number** _____

**Serial Number** _____

**Date Purchased** _____

**Purchased From** _____

Warranty service can only be performed by a Samsung Authorized Service Center. If you should require warranty service, provide the above information with a copy of your sales receipt to the Samsung Authorized Service Center.

## technical specifications

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

| Model | AME832KC |
|---|---|
| Power source | 120 V ~ 60 Hz |
| Power consumption<br>Microwave | <br>1200 W |
| Output power | 100 W / 750 W (IEC-705) |
| Operating frequency | 2450 MHz |
| Magnetron | OM75P (31) |
| Cooling method | Cooling fan motor |
| Dimensions (W x H x D)<br>Outside<br>Oven cavity | <br>489 x 275 x 348 mm<br>330 x 211 x 324 mm |
| Volume | 0.8 cu.ft |
| Weight<br>Net/Gross | <br>11.5 kg / 12.5 kg |



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## MEMO

## MEMO

QUESTIONS OR COMMENTS

| COUNTRY | CALL | OR VISIT US ONLINE AT |
|---|---|---|
| MEXICO | 01-800-SAMSUNG(726-7864) | www.samsung.com/mx/support |
| ARGENTINE | 0800-333-3733 | www.samsung.com/ar/support |
| URUGUAY | 000-405-437-33 | www.samsung.com/latin/support (Spanish)<br>www.samsung.com/latin_en/support (English) |
| PARAGUAY | 009-800-542-0001 | |
| BRAZIL | 0800-124-421 (Demais cidades e regiões)<br>4004-0000 (Capitais e grandes centros) | www.samsung.com/br/support |
| CHILE | 800-SAMSUNG(726-7864) | www.samsung.com/cl/support |
| BOLIVIA | 800-10-7260 | www.samsung.com/cl/support |
| COLOMBIA | Bogotá 600 12 72<br>Gratis desde cualquier parte del país 01 8000 112 112 ó desde su celular #SAM(726) | www.samsung.com/co/support |
| COSTA RICA | 0-800-507-7267<br>00-800-1-SAMSUNG (726-7864) | www.samsung.com/latin/support (Spanish)<br>www.samsung.com/latin_en/support (English) |
| DOMINICA | 1-800-751-2676 | |
| ECUADOR | 1-800-10-72670<br>1-800-SAMSUNG (72-6786) | |
| EL SALVADOR | 800-6225 | |
| GUATEMALA | 1-800-299-0013<br>1-800-299-0033 | |
| HONDURAS | 800-27919267<br>800-2791-9111 | |
| JAMAICA | 1-800-234-7267<br>1-800-SAMSUNG (726-7864) | www.samsung.com/latin/support |
| NICARAGUA | 001-800-5077267 | www.samsung.com/latin/support (Spanish)<br>www.samsung.com/latin_en/support (English) |
| PANAMA | 800-7267<br>800-0101 | |
| PERU | 0-800-777-08<br>Desde celulares por favor llamar al número 336 8686 | www.samsung.com/pe/support |
| PUERTO RICO | 1-800-682-3180 | www.samsung.com/latin/support (Spanish)<br>www.samsung.com/latin_en/support (English) |
| TRINIDAD & TOBAGO | 1-800-SAMSUNG(726-7864) | |
| VENEZUELA | 0-800-SAMSUNG (726-7864) | www.samsung.com/ve/support |

DE68-04274A-01